*Animal Reproduction Science*, 30 (1993) 345–346
Elsevier Science Publishers B.V., Amsterdam



# Author Index

Adams, G.P., Kot, K., Smith, C.A. and Ginther, O.J. (Madison, WI, USA)
Selection of a dominant follicle and suppression of follicular growth in heifers ..... 259
Adelman, M.R., *see* Rollag, M.D. and Adelman, M.R.
Arendt, J., *see* Deveson, S.L. et al.
Ball, B.A., *see* Ellington, J.E. et al.
Barhoumi, R., *see* Ellington, J.E. et al.
Bielanski, A., *see* Fiser, P.S. et al.
Brinsko, S.P., *see* Ellington, J.E. et al.
Burghardt, R.C., *see* Ellington, J.E. et al.
Chemineau, P., Malpaux, B., Delgadillo, J.A., Guerin, Y., Ravault, J.P., Thimonier, J. and Pelletier, J. (Nouzilly, France)
Control of sheep and goat reproduction: use of light and melatonin ..... 157
Cook, S.J., *see* Rawlings, N.C. and Cook, S.J.
Currie, W.D., Evans, A.C.O., Ravindra, J.P. and Rawlings, N.C. (Saskatoon, Sask., Canada)
Progesterone blockade of the positive feedback effects of 17$\beta$ oestradiol in the ewe ..... 281
Delgadillo, J.A., *see* Chemineau, P. et al.
Deveson, S.L., Arendt, J. (Guildford, UK) and Forsyth, I.A. (Cambridge, UK)
The influence of the pineal gland and melatonin on the reproductive performance of domesticated female ungulates ..... 113
Downey, B.R., *see* Fiser, P.S. et al.
Duplantis, S.C., *see* McGinnis, L.K. et al.
D'Occhio, M.J. (Rockhampton, Qld., Australia) and Suttie, J.M. (Mosgiel, New Zealand)
The role of the pineal gland and melatonin in reproduction in male domestic ruminants ..... 135
Ellington, J.E., Meyers-Wallen, V.N., Brinsko, S.P., Ball, B.A. (Ithaca, NY, USA), Varner, D.D., Burghardt, R.C. and Barhoumi, R. (College Station, TX, USA)
Cell-to-cell communication of equine uterine tube (oviduct) cells as determined by anchored cell analysis in culture ..... 313
Evans, A.C.O., *see* Currie, W.D. et al.
Fairfull, R.W., *see* Fiser, P.S. et al.
Fiser, P.S., Fuku, E., Marcus, G.J. Fairfull, R.W. (Ottawa, Ont., Canada), Bielanski, A., (Nepean, Ont., Canada), and Downey, B.R. (St. Anne de Bellevue, Que, Canada)
The effect of partial dehydration on the developmental capacity of mouse embryos stored in the supercooled state ..... 325
Forsyth, I.A., *see* Deveson, S.L. et al.
Foster, D.L., *see* Yellon, S.M. et al.
Fuku, E., *see* Fiser, P.S. et al.
Ginther, O.J., *see* Adams, G.P. et al.
Guerin, Y., *see* Chemineau, P. et al.
Horton, T.H. and Stetson, M.H. (Newark, DE, USA)
Maternal transfer of photoperiodic information in rodents ..... 29

Hugel, H.M., *see* Kennaway, D.J. and Hugel, H.M.
Kennaway, D.J., *see* Staples, L.D. et al.
Kennaway, D.J. (Adelaide, S.A., Australia) and Hugel, H.M. (Bundoora, Vic., Australia)
Mechanisms of action of melatonin within the central nervous system ..... 45
Kot, K., *see* Adams, G.P. et al.
Llewelyn, C.A., Ogaa, J.S. and Obwolo, M.J. (Harare, Zimbabwe)
Plasma progesterone profiles and variation in cyclic ovarian activity throughout the year in indigenous goats in Zimbabwe ..... 301
Longo, L.D., *see* Yellon, S.M. et al.
Malpaux, B., *see* Chemineau, P. et al.
Marcus, G.J., *see* Fiser, P.S. et al.
McGinnis, L.K., Youngs, C.R. (Ames, IA, USA) and Duplantis, S.C. (Moscow, ID, USA)
Cryopreservation of sheep embryos using ethylene glycol ..... 273
McPhee, S., *see* Staples, L.D. et al.
McPhee, S.R., *see* Williams, A.H. et al.
Meyers-Wallen, V.N., *see* Ellington, J.E. et al.
Niklowitz, P., *see* Steinlechner, S. and Niklowitz, P.
Obwolo, M.J., *see* Llewelyn, C.A. et al.
Ogaa, J.S., *see* Llewelyn, C.A. et al.
Pelletier, J., *see* Chemineau, P. et al.
Ravault, J.P., *see* Chemineau, P. et al.
Ravindra, J.P., *see* Currie, W.D. et al.
Rawlings, N.C., *see* Currie, W.D. et al.
Rawlings, N.C. and Cook, S.J. (Saskatoon Sask, Canada)
LH secretion around the time of the preovulatory gonadotrophin surge in the ewe ..... 289
Reeve, J.L., *see* Williams, A.H. et al.
Rollag, M.D. and Adelman, M.R. (Bethesda, MD, USA)
Color change: a non-invasive measure of melatonin action ..... 67
Smith, C.A., *see* Adams, G.P. et al.
Staples, L.D., McPhee, S. (East Kew, Vic., Australia), Kennaway, D.J. (Adelaide, S.A., Australia) and Williams, A.H. (Werribee, Vic., Australia)
The influence of exogenous melatonin on the seasonal patterns of ovulation and oestrus in sheep ..... 185
Staples, L.D., *see* Williams, A.H. et al.
Steinlechner, S. (Marburg, Germany) and Niklowitz, P. (Munster, Germany)
Impact of photoperiod and melatonin on reproduction in small mammals ..... 1
Stetson, M.H., *see* Horton, T.H. and Stetson, M.H.
Suttie, J.M., *see* D'Occhio, M.J. and Suttie, J.M.
*see* Yellon, S.M. et al.
Thimonier, J., *see* Chemineau, P. et al.
Varner, D.D., *see* Ellington, J.E. et al.
Williams, A.H., *see* Staples, L.D. et al.
Williams, A.H. (Werribee, Vic., Australia), McPhee, S.R., Staples, L.D. (East Kew, Vic., Australia) and Reeve, J.L. (Rutherglen, Vic., Australia)
Optimum use of subcutaneous implants to enhance the reproductive performance of seasonal and non-seasonal sheep joined in spring and early summer ..... 225
Yellon, S.M., Longo, L.D. (Loma Linda, CA, USA), Foster, D.L., (Ann Arbor, MI, USA), and Suttie, J.M. (Mosgiel, New Zealand)
Ontogeny of the pineal melatonin rhythm and implications for reproductive development in domestic ruminants ..... 91
Youngs, C.R., *see* McGinnis, L.K. et al.